

## Human Protein Disulfide-Isomerase A3 (PDIA3) ELISA Kit | PDIA3 elisa kit

Human Protein Disulfide-Isomerase A3 (PDIA3) ELISA Kit

CATALOG #  
**AAA31491**

REACTIVITY  
**Human**

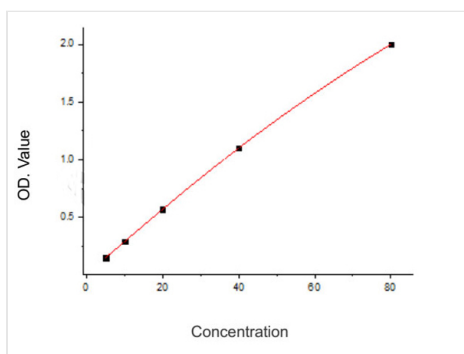
### PRODUCT SYNONYMS

Protein Disulfide-Isomerase A3 (PDIA3); Human Protein Disulfide-Isomerase A3 (PDIA3) ELISA Kit; PDIA3; ER60; ERp57; ERp60; ERp61; GRP57; GRP58; HsT17083; P58; PI-PLC; 58 kDa microsomal protein; endoplasmic reticulum P58; glucose regulated protein; 58kDa; phospholipase C-alpha; protein disulfide isomerase; PDIA3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                               |
| Specificity             | Human Protein Disulfide-isomerase A3 (PDIA3) ELISA Kit has high sensitivity and excellent specificity for detection of Human PDIA3. No significant cross-reactivity or interference between Human PDIA3 and analogues was observed. |
| Sequence Length         | 505                                                                                                                                                                                                                                 |
| Assay Type              | Sandwich                                                                                                                                                                                                                            |
| Samples                 | Human serum, cell culture supernates and other biological fluids                                                                                                                                                                    |
| Detection Range         | 5 pg/ml - 80 pg/ml                                                                                                                                                                                                                  |
| Sensitivity             | < 0.5 pg/ml                                                                                                                                                                                                                         |
| Intra-assay Precision   | Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.                                                                                                           |
| Inter-assay Precision   | Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.                       |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                              |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for PDIA3 elisa kit | Background: Human Protein Disulfide-isomerase A3 (PDIA3) ELISA Kit employs a two-site sandwich ELISA to quantitate PDIA3 in samples. An antibody specific for Human PDIA3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PDIA3 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated PDIA3 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of PDIA3 bound in the initial step. The color development is stopped and the intensity of the color is measured. |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| NCBI GI #                        | 21361657                                                                             |
| NCBI GeneID                      | 2923                                                                                 |
| NCBI Accession #                 | NP_005304.3                                                                          |
| NCBI GenBank Nucleotide #        | NP_005304.3                                                                          |
| UniProt Accession #              | P30101                                                                               |
| NCBI Official Full Name          | protein disulfide-isomerase A3                                                       |
| NCBI Official Synonym Full Names | protein disulfide isomerase family A member 3                                        |
| NCBI Official Symbol             | PDIA3                                                                                |
| NCBI Official Synonym Symbols    | P58; ER60; ERp57; ERp60; ERp61; GRP57; GRP58; PI-PLC; HsT17083; HEL-S-269; HEL-S-93n |
| NCBI Protein Information         | protein disulfide-isomerase A3                                                       |
| UniProt Protein Name             | Protein disulfide-isomerase A3                                                       |
| UniProt Gene Name                | PDIA3                                                                                |
| UniProt Synonym Gene Names       | ERP57; ERP60; GRP58; p58; ER protein 57; ERp57; ER protein 60; ERp60                 |
| UniProt Entry Name               | PDIA3_HUMAN                                                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/protein-disulfide-isomerase-a3-pdia3/31491>